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CIA-RDP86-00513R001964210013-4

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Apr 50

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Conference held 23 - 27 Dec 48, in Moscow, on problems of immunity and influenza.

Problems in the following fields are most acute and require soln: role of the nervous system and neuro-humoral factors in immunity; part played by the mesenchyme in immunity; role of organs of inner secretion in immunity; effect of nutrition

206T81

USSR/Medicine - Immunology (Contd)

Apr 50

(particularly protein nutrition) on immunity; effect of the environment on the immunological reaction.

4
206T81

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of Pavlov's physiology of the nervous system (nervism). Klin.med.,
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(Brucellosis) (MLRA 7:8)

ZDRUDOVSKIY, P.F.

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BEKLEMISHEV, V.U., redaktor; DOGIL', V.A., redaktor; ZHUKOV-
VEREZHENIKOV, N.N., redaktor; ZDRUDOVSKIY, P.F., redaktor; ZIL'BER,
L.A., redaktor; KOSHTOYANTS, Kh.C., redaktor; MILENUSHKIN, Yu.I.,
redaktor; PAVLOVSKIY, E.N., redaktor; SIROTIKIN, N.N., redaktor;
TIMAKOV, B.D., redaktor; BELKIN, R.I., redaktor; NEKRASOV, A.K.,
redaktor; BELKIN, P.I., redaktor; KIRSANOVA, N.A., tekhnicheskij
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1. Deystvitel'nyy chlen Akademii meditsinskikh nauk SSSR.
(Immunity) (Infection)

"APPROVED FOR RELEASE: 03/15/2001

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Q fever. Zhur.mikrobiol.epid.i immun. no.9:3-7 8 '53.

(MIRA 6:11)
(Fever)

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"The Effects of Therapeutic Sleep on Infection and Immunity," Inst. Epid. & Microbiol. im. Gamalaya, Priroda, Vol 41, No 7, pp 97-99, 1953.

Expts conducted by Sci Assoc I. Ya. Uchitel' of the Inst of Surgery, AMS USSR, at the lab directed by Zdrodovskiy have shown that therapeutic sleep, drug-produced, suppresses the following reactions in rabbits: inflammation and necrosis due to intracutaneous injection of diphtheria or staphylococci toxin and turpentine; irritations due to the action of bacteria; allergic reactions to horse serum; and hemorrhagic allergy produced by bacteria. These effects are due to the fact sleep reduces the production of agglutinins and antitoxins 2-3 times or more, but only after primary immunization or first reinoculation. After a number of reinoculations, the immunological reactions become stable and sleep has no effect. Also, sleep has no effect on generalized infections (e.g., a lethal infection with virulent pneumococci), only on local reactions.

258T23

KIRCHENSTEINS, Auguste, 1872- ; ZDRODOVSKII, P.F., redaktor; REDIN, Ye.I., redaktor; KRASIL'NIKOV, N.A., redaktor BUKIN, B.N., doktor biologicheskikh nauk, redaktor; GAYSILOVICH, A.Ye., kandidat biologicheskikh nauk, redaktor; NEVRAYEVA, N.A., tekhnicheskiy redaktor

[Problems in microbiology and immunology; selected works] Problemy mikrobiologii i immunologii; izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR., 1954. 208 p.

(MIRA 7:12)

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(Microbiology) (Immunity)

ZIRODOVSKY, P. F.

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and the Plan of Scientific Research on Rickettsiosis." [paper read
at a session of the institute's Scientific Council held during 1954.]
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Division of Rickettsiosis, Zdrodovskiy, P. F., Active Member of Academy
of Medical Sciences, USSR, professor, head., Inst. Epidem and Microbiol.
im. Gamaleya AMS USSR.

SO: Sum 1186, 11 Jan 57.

Zdrodovskiy, P. F.

USSR/Medicine - Rickettsioses

FD-1621

Card 1/1 : Pub. 148-1/28

Author : Zdrodovskiy, P. F.

Title : The problem of rickettsioses and consequent tasks

Periodical : Zhur. mikro. epid. i immun. '7, 3-8, Jul 1954

Abstract : "Rickettsiology" in the USSR is discussed. Instances, foci, etiology, diagnosis, and differentiation of murine typhus, vesicular rickettsiosis, boutonneuse fever, tick-borne Central Asian rickettsiosis, paroxysmal tick-borne rickettsiosis, Q-fever, exanthematous typhus, trench fever, Brill's disease, and other rickettsial diseases in the USSR are described. The names of other Soviet scientists working in this field are mentioned in the text. One Soviet reference is cited.

Institution : --

Submitted : March 12, 1954

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P.F.Zdrodovskii. Reviewed by N.D.Beklemishev. Zhur.mikrobiol.epid.
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(BRUCELLOSIS)

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(Active Mbr. Acad. Med. Sci. USSR)

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(Q FEVER)

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EMPIA MEDICA Soc.7 Vol.10/5 Podiatrics May56

1009. ZDRODOVSKIY P. F. Moscow. *Q fever. Clinical features, diagnosis and treatment (Russian text) KLIN.MED.(Mosk.)1955, 33/5 (13-19)

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[Theories of Rickettsia and rickettsiosis] Uchenie o rikkettsiiakh i
rikkettsiosakh. Izd.2., perer. i dop. Moskva, Medgiz, 1956. 491 p.
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immediate future. Vest. AMN SSSR 11 no.3:43-57 '56. (MIRA 9:9)

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(IMMUNOLOGY,
progr. (Rus))

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BRUSILOVSKIY, L.Ya., red.; BYKOV, K.M., red.; VASILENKO, V.Kh.,
red.; VINOGRADOV, N.A., red.; GRASHCHENKOV, N.I., red.; DAVIDOVSKIY,
I.V., red.; ZDRODOVSKIY, P.F., red.; KAVETSkiy, R.Io., red.;
KOCHERGIN, I.G., red.; KROTKOV, F.G., red.; KUPRIANOV, P.A., red.;
LEBEDINSKIY, A.V., red.; MALINOVSKIY, M.S., red.; MAN'KOVSKIY, B.N.,
red.; NESTEROV, A.I., red.; ORBELI, L.A., red.; PAVLOVSKIY, Ye.N.,
red.; SEVERIN, S.Ye., red.; SKRYABIN, K.I., red.; SMIRNOV, Ye.I.,
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N.N.Anichkov i dr. Moskva, Gos.izd-vo med.lit-ry. Vol.3.
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Important factors in Soviet research on rickettsial diseases. Vop.
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(RICKETTSIAL DISEASES,
research in Russia (Rus))

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Some results of recent research in the field of infectious pathology
and immunology. Zhur.mikrobiol.epid. i immun. 28 no.11:34-40
N '57. (MIRA 11:3)

(INFECTION,
pathol. & immunol. research (Rus)

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BRUSNOVSKIY, I.Ye., red.; BYKOV, K.M., red.; VASILENKO, V.Kh.,
red.; GRASHCHEMKOV, J.I., red.; DAVIDOVSKIY, I.V., red.;
ZDRODOVSKIY, P.E., red.; KAVITSKIY, P.Ye., red.; KOCHERGIN, N.G.,
red.; KROTKOV, F.G., red.; KUPRIYANOV, P.A., red.; LIMEDINSKIY,
A.V., red.; MALINOVSKY, V.S., red.; MAN'KOVSKIY, B.N., red.;
NESTEROV, A.F., red.; MLI, L.A., red.; PAVLOVSKIY, Ye.N., red.;
SEVERIN, S.Ye., red.; SYABIN, K.I., red.; SMIRNOV, Ye.I., red.;
TIMAKOV, V.D., red.; TIKHONOV, A.P., red.; SHABANOV, A.N., red.;
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(Medicine--Dictionaries)

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KROTKOV, F.G., red.; KUPRIYANOV, P.A., red.; LEBEDINSKIY, A.V., red.;
MALINOVSKIY, M.S., red.; MAN'KOVSKIY, B.N., red.; NESTEROV, A.I., red.;
ORBELI, L.A., red.; PAVLOVSKIY, Ye.N., red.; SEVERIN, S.E., red.;
SKRYABIN, K.I., red.; SMIRNOV, Ye.I., red.; TIMAKOV, V.D., prof., red.;
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Izd. 2. Moskva, Gos. nauchnoe izd-vo "Bol'shaia sovetskais
entsiklopedia." Vol. 7. [Gymnresia -burning. 1958. 1120 columns]
Ginatrezia-gorenje. [Phonograph record to accompany the article
"Golos"(voice of laryngectomees)] Grammofonnaia plastinka k stat'e
"Golos"(golos liaringektomirovannykh bol'nykh), [Three-dimensional
viewer] Ochki-svetofil'try. (MIRA 11:12)

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BRUSILOVSKIY, L.Ya., red.; BYMOV, K.M., red.; VASILENKO, V.Kh., red.;
VINOGRADOV, N.A., red.; GRASHCHENKOV, N.I., red.; DAVYDOVSKIY, I.V..
red.; ZDRODOVSKIY, P.E., red.; KAVETSKIY, P.Ye., red.; KOCHERGIN,
I.G., red.; KROTKOV, F.G., red.; KUPRIYANOV, P.A., red.; LEBEDINSKIY,
A.V., red.; MALINOVSKIY, M.S., red.; MANIKOVSKIY, B.N., red.;
NESTEROV, A.I., red.; ORBELI, L.A., red.; PAVLOVSKIY, Ye.N., red.;
SEVERIN, S.Ye., red.; SKRYABIN, K.I., red.; SMIRNOV, Ye.I., red.;
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KALINICHEV, V.A., tekhn. red.

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[Phonograph record to accompany the article on "Congenital heart
disease"] Grammofonnaia plastinka soderzhit zapis' zvukovykh iavle-
niy k stat'e "Vrozhdennye poroki serdtsa." Glav. red. A.N.Bakulev.
Chleny red. kollegii N.N. Anichkov i dr. Izd.2. Moskva, Gos. izd-vo
med. lit-ry. Vol.5. Vezikula - Vulkanizatsiia. 1958. 1248 columns.
(MEDICINE--DICTIONARIES) (MIRA 11:7)

ZDRODOVSKIY, P.F.

ZDRODOVSKIY, P.F., prof.

Problems of infectious pathology and immunology; research results for
1945-1957 '58.
(MIRA 11:2)

1. Deystvit'nyy chlen AMN SSSR
(COMMUNICABLE DISEASES, immunol.
review)
(IMMUNOLOGY,
review)

ZDRODOVSKIX, P.F. (Moskva)

The problem of live vaccine for typhus. Vop.virus. 3 no.3:131-135
My-Je '58 (MIRA 11:7)

(TYPHUS, prevention & control
vacc., problem of live vaccine (Rus))

ZDRODOVSKIY, P.F., GOLINEVICH, Ye.M. YABLONSKAYA, V.A.

Characterization of the E strain of Rickettsia prowazeki and its pathogenic properties [with summary in English]. Vop.virus. 3 no.3:136-142
(MIR 11:7)
My-Je '58

1. Otdel rikketsiozov Instituta epidemiologii i mikrobiologii imeni
N.P. Gamalei AMN SSSR, Moskva.
(RICKETTSIA, PROWAZEKII,
characterization & pathogen. properties of new strain.
(Rus))

ZDRODOVSKIY, P.F., GOLINEVICH, Ya.M.

Differentiation of organisms causing Kenya tick typhus and Indian
tick typhus.[with summary in English]. Vop.virus 3 no.4:202-206
Jl-Ag '58 (MIRA 11:9)

1. Otdel rikketsiozov Instituta epidemiologii i mikrobiologii
imeni N.F. Gamalei AMN SSSR, Moskva.
(RICKETTSIA,
differentiation of strains causing Kenya tick typhus
causing Indian tick typhus (Rus))

ZDRODOVSKIY, P.F., GOLINEVICH, Ye.M.

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1. Otdel rikketsiozov Instituta opeidmiologii i mikrobiologii imeni
N.F. Gamaleya AMN SSSR, Moskva.
(RICKETTSIA PROWAZEKII,
E, immunogenic properties (Rus))

ZDRODOVSKIY, P.F., prof. (Moskva)

Neurohumoral regulation of inflammatory processes, Sov.med. 22 no.8
(MIRA 11:10)
3-9 Ag '58

(INFLAMMATION, exper.

eff. of medicated sleep in monkeys & rabbits (Rus))

(ALLERGY, exper.

same (Rus))

(SLEEP, eff.

on exper. inflamm. & allergy in monkeys & rabbits (Rus))

ZDRODOVSKIV, P. F.

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ZDRODOVSKIY, Pavel F.

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Antibody Formation."

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Variability of rickettsia. Vest. AMN SSSR 14 no.2:9-15 '59.
(MIRA 12:4)

1. Deystvit'nyy chlen AMN SSSR.
(RICKETTSIA
variability (Rms))

ZDRODOVSKIY, P.F., prof., laureat Leninskoy premii (Moskva)

Protective significance of the lymphatic apparatus in infections.
Klin.med. 37 no.10:13-19 O '59. (MIRA 13:2)

1. Deystvit'nyy chlen AMN SSSR.
(INFECTION physiol.)
(LYMPHATIC SYSTEM physiol.)

ZDRODOVSKIY, P.F.

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tekhn.red.

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Medgiz, 1960. 318 p. (MIRA 13:12)

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(BACTERIOLOGICAL WARFARE)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964210013-4

ZDRODOVSKIY, P.F. (Moskva)

Cellular bases and neurohumoral regulation of immunogenesis.
Azerb. med. zhur. no.11:9-17 N '60. (MIRA 13:12)
(ANTIGENS AND ANTIBODIES) (LYMPHATICS)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964210013-4"

ZDRODOVSKIY, P.F., prof.

Adaptative and defense mechanisms of the organism. Vest.AMN SSSR
15 no.2:3-14 '60. (MIRA 14:6)

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mikrobiologii imeni Gamalei AMN SSSR.
(ADAPTATION (BIOLOGY))

ZDRODOVSKIY, P.F., prof.

Problems of typhus in a study of its present forms. Vest. AMN SSSR
15 no.7:3-14 '60. (MIRA 13:11)

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(TYPHUS FEVER)

"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964210013-4

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no. 10:3-8 0 '60. (MIRA 13:12)

(DIPHTHERIA)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964210013-4"

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clinical significance. Terap.arkh. 32 no.11:3-9 N '60.
(MIRA 14:1)

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ZDRODOVSKIY, P.F.

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BUGROVA, V.I., kand. med. nauk; VINOGRADOVA, I.N., kand.biol. nauk;
D'YAKOV, S.I., kand. med. nauk; ZHDANOV, V.M., prof.;
ZHUKOV-VEREZHNICKOV, N.N., prof.; ZEMTSOVA, O.M., kand.
med. nauk; IMSHENETSKIY, A.A., prof.; KALINA, G.P., prof.;
KAULEN, D.R., kand. med. nauk; KOVALEVA, A.I., doktor med.
nauk; KRASIL'NIKOV, N.A., prof.; KUDLAY, D.G., doktor biol.
nauk; LEBEDEVA, M.N., prof.; PERETS, L.G., prof. [deceased];
PEKHOV, A.P., doktor biol. nauk; PLANEL'YES, Kh.Kh., prof.;
FOGLAZOVA, M.N., kand. biol. nauk; PROZOROV, A.A.; SINITSKIY,
A.A., prof.; FEDOROV, M.V., prof. [deceased]; SHANINA-VAGINA,
V.I., kand.biol. nauk; VYGODCHIKOV, G.V., prof., zamestitel'
otv. red.; ADO, A.D., prof., red.; BARYAN, O.A., prof., red.;
BILIBIN, A.F., prof., red.; BOLDYREV, T.Ye., prof., red.;
VASHKOV, V.I., doktor med. nauk, red.; VYAZOV, O.Ye., doktor
med. nauk, red.; GAUZE, G.F., prof., red.; GOSTEV, V.S., prof.,
red.; GORIZONTOV, P.D., prof., red.; GRINBAUM, F.T., prof.,
red. [deceased]; GROMASHEVSKIY, L.V., prof., red.; YELKIN, I.I.,
prof., red.; ZASUKHIN, L.N., doktor biol. nauk, red.;
ZDRODOVSKIY, P.F., prof., red.; KAPICHNIKOV, M.M., kand. med.
nauk, red.; KLEMPARSKAYA, N.N., prof., red.; KOSIYAKOV, P.N.,
prof., red.; LOZOVSAYA, Ye.S., kand. med. nauk, red.;
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NIKITIN, M.Ya., red.; NIKOLAEVA, T.A., red.; PAVLOVSKIY, Ye.N., akademik, red.; PASTUKHOV, A.P., kand. med. nauk, red.; PETRISHCHEVA, P.A., prof., red.; POKROVSKAYA, M.P., prof., red.; POPOV, I.S., kand. med. nauk, red.; ROGOZIN, I.I., prof. red.; RUDNEV, G.P., prof., red.; SERGIYEV, P.G., prof., red.; SKRYABIN, K.I., akad., red.; SOKOLOV, M.I., prof. red.; SOLOV'YEV, V.D., prof., red.; TRIKULEV, G.P., dotsent, red.; CHUMAKOV, M.P., prof., red.; SHATROV, I.I., prof., red.; TIMAKOV, V.D., prof., red.toma; TROITSKIY, V.L., prof., red. toma; PETROVA, N.K., tekhn.red.;

[Multivolume manual on the microbiology, clinical aspects, and epidemiology of infectious diseases] Mnogotomnoe rukovodstvo po mikrobiologii klinike i epidemiologii infektsionnykh boleznei. Otv. red. N.N.Zhukov-Verezhnikov. Moskva, Medgiz. Vol.1. [General microbiology] Obschaya mikrobiologiya. Otv. red. N.N.Zhukov-Verezhnikov. 1962. 730 p. (MIRA 15:4)

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D.R., kand. med. nauk; KIKTENKO, V.S., prof.; KRYLOVA, O.P.,
kand. med. nauk; KUCHERENKO, V.D., kand. med. nauk; LOMAKIN,
M.S., kand. med. nauk; MOSING, G.S., doktor med. nauk; PERSHINA,
Z.G., kand. sel'khoz. nauk; PEKHOV, A.P., doktor biol. nauk;
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kand. med. nauk; KALININA, G.P., prof., nauchnyy red. toma;
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My-Je '62. (MIRA 16:8)

1. Institut epidemiologii i mikrobiologii imeni N.F.Gamalei,
Moskva.
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ZDRODOVSKIY, P.F., laureat Leninskoy premii

Immunity and vaccination. / Zdorov's 8 no.3:2-3 Mr '62. (MIRA 15:4)

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"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964210013-4

ZDRODOVSKIY, P.F.

Cytophysiological mechanisms of immunogenesis. Vest. AMN SSSR 17
no.4:57-65 '62. (MIRA 15:8)
(IMMUNITY) (ANTIGENS AND ANTIBODIES)

APPROVED FOR RELEASE: 03/15/2001

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ZDRODOVSKIY, P.F. (Moskva)

The most important stages and results of the study of human
brucellosis abroad and in the U.S.S.R.; on the 100th anniversary
of the clinical differentiation of brucellosis as a new human
disease. Vest.AMN SSSR 17 no.9:58-68 '62. (MIRA 15:12)
(BRUCELLOSIS)

ZDRODOVSKI, P.F.

Cyto-physiological mechanisms of immunogenesis. J. hyg. epidem.
7 no.2:166-177 '63.

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Pod red. P.F.Zdrodovskogo. Moskva, Medgiz, 1963. 227 p.
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[Problems of infections, immunity, and allergy] Problemy in-
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ZDRODOVSKIY, P. F.; GOLINEVICH, Ye. M.

"Le typhus a tiques d'Asie."

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Acad Med Sci, Solanka 14, Moscow, USSR.

ZDRODOVSKIY, P.F.

Problems of the formation of protective antibodies in the
light of current data. Vest. AMN SSSR 19 no.3:3-16 '64.
(MIRA 17:10)

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Endotoxins as nonspecific biostimulants of antibody formation.
(MIRA 18:7)
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AMN SSSR, Moskva.

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"APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964210013-4

ZDRODOVSKIY, P.F.

Formation of protective antibodies, its regulation and nonspecific
stimulation. VEST. AMN SSSR 19 no.9:86-91. '64.

(MIRA 18:3)

APPROVED FOR RELEASE: 03/15/2001

CIA-RDP86-00513R001964210013-4"

ZDRODOVSKIY, P.F.

Current data on the formation of protective antibodies, its
control and nonspecific stimulation. Zhur.mikrobiol,epid. i
immun. 41 no.5:6-14 My '64. (MIRA 18:2)

W/06172-57

ACC NR: AN6025290

(N)

SOURCE CODE: UR/9034/66/000/063/0003/0003

AUTHOR: Zdrodovskiy, P.F. (Professor; Active member AMN SSSR; Lenin Prize laureate)

ORG: none

TITLE: Cytophysiological mechanisms of immunogenesis

7
B+1

SOURCE: Meditsinskaya gazeta, 5 Aug 66, p. 3, col. 1-7

TOPIC TAGS: genetics, cell physiology, cytology, immunogenesis, antibody formation

ABSTRACT: Prof. P. F. Zdrodovskiy, Active Member AMN SSSR and Lenin Prize laureate, summarizes a lecture on the cytophysiological mechanisms of immunogenesis and its neurohumoral regulation, which he presented at the Ninth International Congress on Microbiology. His theory of immunogenesis encompasses pertinent data of physiology, modern protein, biochemistry, genetics, and endocrinology, and considers the interaction of the mechanisms of the entire organism. Experiments support his proposal that the hypothalamo-hypophyso-adrenocortex must regulate antibody formation. Immunological inertia, which develops after revaccination at the height of immunological reactivity, was observed in experiments. Data confirm the dependence of immunogenesis on the general physiological mechanisms of stimulatory and inhibitory processes. The work of V. Efroimson, M. Nirenberg, and Fogel' in genetics, and Jacob and Monod's system of intracellular regulation of protein-synthesis processes are mentioned.

[SW]

SUB CODE: 06/ SUBM DATE: none/

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[W.A. SO]

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ZDRODOWSKI, M.

Forming bending. Mechanik 34 no.13:526 '61.

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ZDRODOWSKI, M.

Perforating thin tubes. Mechanik 34 no.9:473 '61.

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CIA-RDP86-00513R001964210013-4"

SWINARSKI, Antoni; KOZIOWSKA, Ewa; ZDROJEWSKA, Barbara

Addition compounds of anhydrous nitric acid with ethers.

Pt. 2. Rocznik chemii 37 no. 7/8:711-716. '63.

1. Institute of Inorganic Chemistry, N.Copernicus University,
Torun.

IWASZKIEWICZ, Jaroslaw; MOZOLEWSKI, Erwin; ZDROJEWSKI, Jerzy; ZYGMUNTOWICZ,
Zofia

Our procedure in chemicalburns and consecutive esophageal stenosis
in children. Otolaryngol Polska 14 no.3:321-328 '60.

l. Z Kliniki Otolaryngologicznej A.M. w Gdansku, Kierownik: prof.
dr J.Iwaszkiewicz i z Zakladu Radiologii A.M. w Gdansku, Kierow-
nik: prof. dr W. Grabowski.

(ESOPHAGEAL STENOSIS in inf & child)

GROMSKA, Jadwiga; ZDROJEWSKI, Jerzy

Psychiatric and radiological aspect of tubercous sclerosis on
the basis of 4 cases. Neurol. neurochir. psychiat. Pol. 15
no.2:197-206 Mr-Ap '65.

1. Z Kliniki Chorob Psychicznych AM w Gdansku (Kierownik:
prof. dr. T. Bilikiewicz) i z Kliniki Radiologii i Radio-
terapii AM w Gdansku (Kierownik: prof. dr. W. Grabowski
[deceased]).

WOJCIECHOWSKA, Ludmila; WIELOPOLSKA, Anna; ZDROJEWSKA, Teresa; OLCZAK, Maria

Usefulness of the determination of antigen fractions in the urine
in early diagnosis of typhoid fever. Pol. tyg. lek. 17 no51:1983-1986
17 D '62.

1. Z Oddzialu Badan Laboratoryjnych Stacji San.-Epid. w Warszawie;
kierownik: dr med. J. Jakobkiewicz i z I Kliniki Chorob Zakaznych
AM w Warszawie; kierownik: doc. dr med. K. Rachon.
(TYPHOID) (ANTIGENS)

WOJCIECHOWSKA, Ludmila; ZDROJEWSKA, Teresa

Usefulness of Lovric's slide reaction in the diagnosis of infectious mononucleosis. Med. dosw. mikrobiol. 15 no.4: 327-329 '63.

1. Z Oddzialu Badan Laboratoryjnych Stacji San.-Epid. w Warszawie.

*

POLAND

KOJCIESZOWSKA, Ludmila, WIELOPOLSKA, Anna, ZDROJIKWSKA,
Teresa, and OLCZAK, Maria, Division of Laboratory Tests
(Oddzial Badan Laboratorium) of the Sanitary and Spi-
demiological Station (Stacja Sanitarno-Epidemiologiczna) in
Warsaw (Director: Dr. med. J. JAKOBKIEWICZ) and the First
Clinic of Infectious Diseases (I Klinika Chorob Zakaźnych)
of the AM [Akademia Medyczna, Medical Academy] in Warsaw
(Director: Docent, Dr. med. K. RACHON)

"Diagnostic Value of Detection of Antigenic Substances
Excreted in Urine of Typhoid Patients."

Warsaw, Polski Tygodnik Lekarski, Vol 17, No 51, 17 Dec 62,
pp 1983-1986.

Abstract: [Authors' English summary modified] Report of
a study establishing detection of antigenic substances in
urine as an aid in early diagnosis of typhoid. Findings
of the study are reported and conclusions are drawn.
There is one English, and four Polish references.

1/1

ZDROJEWSKI, Ryszard, mgr inz.

Influence of the design characteristics on the iron core dimensions of a turboalternator. Przegl elektrotechn 40 no.5:201-203 My '64.

1. Department of Electric Machines, Institute of Electrical Engineering, Warsaw.

ZDROJEWSKI, Ryszard, mgr inż.

Rectifier generator. Przegl elektrotech 38 no.11:486-487 '62.

1. Zaklad Maszyn Elektrycznych, Instytut Elektrotechniki, Warszawa.

ZDROK, A.G., kand. tekhn. nauk

Analysis of the operation of measuring and stabilizing devices
with rectifiers. Elektrotehnika 35 no.10:19-21 O '64.
(MIRA 17:11)

ZDROK, A.G., kand.tekhn.nauk

Choice of the optimum operating conditions of transistors in the
saturated region. Vses. elektro prom. 32 no.12:10-44 D '61.
(MIRA 14:12)

(Transistor circuits)

ZDROK, A.G., kand.tekhn.nauk

Concerning the performance of transistor diodes in inductive d.c.
networks. Vest.elektroprom. 33 no.6:52-57 Je '62. (MIRA 15:7)
(Electric networks) (Diodes)

LPKOK, H.G.

PAGE 1 BOOK EXTRASHEET

SER/2677

Proceedings of the International Scientific Conference on Semiconductor Devices and their Applications, Collection of Articles, No. 5
(Proceedings of the International Conference on Semiconductor Devices and their Applications, Collection of Articles, No. 5)

Moscow, Moscow Polytechnic Radio, 1960. 270 p. No. of copies printed not given.
Editor, Dr. A. Pudovkin Ed. (Guide book); F. M. Volken, Tech. Ed.;
A. A. Smirnov, Technical Secret., Dr. A. Pudovkin (Dept. Ed.), N. A. Sartakov,
D. G. Bergelson, A. M. Novikov, Yu. I. Gulyaev (Dept. Ed.), Yu. A. Sotnikov,
B. G. Kostylev, Yu. V. Kostylev, Yu. M. Polikarpov, I. V. Shilov,
S. V. Sosulin, and Yu. P. Stepanov.

PURPOSE: This collection of articles is intended for specialists working in the field of semiconductor devices.

CONTENTS: The articles discuss basic transistor parameters, methods of measuring them, and some problems in the use of transistor circuit elements. Two of the articles describe the use of semiconductor diodes for parametric communication. No personalities are mentioned. References accompany all of the 32 articles.

NAME OF CONTRIBUTOR

- | | |
|--|-----|
| Volken, F. M., M. A. Pudovkin, and Yu. M. Polikarpov. High-Frequency
Switch Transistor With Turned-Up Breakdown Voltage on the Emitter | 61 |
| Zemlyanov, N. N. and Yu. S. Tikhodeev. Temperature Dependence of
Some Physical Parameters in Unipolar Transistors | 63 |
| Sokolov, I. A. (Abstract). Calculation of Maximum Permissible Pulse
Currents for Semiconductor Devices in Their Work Under Pulse Overload
Conditions | 93 |
| Sokolov, I. A., A. S. Bykov, and V. M. Strygin. Transition Series
Parameters of Unipolar Transistor | 107 |
| Sokolov, I. A. and A. P. Shishkov. Measurement of Transistor
Parameters Within the Characteristics Range | 159 |
| Strelkov, G. N. Parallel Work of Transistor and its Application Control
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| Sukharev, Yu. E. Single-Crystal DC Voltage Transistorized Converter | 205 |
| Lebedev, L. I. High-Speed Switching Circuits | 205 |
| Shchukin, M. M. and Dr. G. Logar. Junction-Resonator Frequency
Modulator | 234 |
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Systems | 264 |
| STANISLAV: Library of Congress | |

9,2560
S/196/62/000/009/016/018
E114/E184

AUTHOR:

Zdrok, A.G.

TITLE: Choice of the optimum working conditions for semiconductor triodes working in conditions of saturation

PERIODICAL: Referativnyy zhurnal, Elektrotehnika i energetika, no.9, 1962, 2, abstract 9 K7. (Vestn. elektroprom-sti, no.12, 1961, 40-44)

TEXT: In many electronic drive applications the semiconductor triodes may be switched on and off and operate under only two states - off and saturation. A border-line condition between the area of linear characteristics and saturation is the condition $U_{3K} = U_{3G}$ ($U_{GK} = 0$), which is characterized by minimum input losses and is normally used to determine the parameters of semiconductor triodes in the area of saturation from the output characteristic $I_k = f(U_{3K}, I_6)$. At greater saturation ($U_{3K} < U_{3G}$) the output impedance $R_{bb/X} = \frac{U_{3K}}{I_k}$ = minimum, and

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Choice of the optimum working ...

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E114/E184

corresponds to minimum output losses. The area between these two conditions is optimal for semiconductor triodes required to work saturated. In particular, it corresponds to minimum total losses in the semiconductor triode, $P = \text{minimum}$. The conditions of $R_{G61X} = \text{minimum}$ and $P = \text{minimum}$ are determined from transfer characteristics $I_k = f(U_{gK}, U_{gS})$ which it is recommended to construct, assessing the ratio of the input to the output voltages from I_k .

$$P = f\left(\frac{U_{gS}}{U_{gK}}\right)$$

The calculations for the desired working characteristics of the semiconductor triode are illustrated by describing the design of a circuit for a d.c. regulator. A circuit is proposed for determining the characteristics of semiconductors for any of the conditions mentioned. 7 illustrations, 2 references.

[Abstractor's note: Complete translation.]

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1. Master distantsii kontaktnoy seti Rybnoye Moskovskoy
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